

DERWENT-ACC-NO: 1995-237963

DERWENT-WEEK: 199531

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TITLE: New organic electroluminescent device for plasma display
panel/electroluminescent panel - comprises anode,
cathode
and organic material layer(s), protective layer on
outer
surface, sealing film with dispersed photosensitiser,
etc.

PATENT-ASSIGNEE: IDEMITSU KOSAN CO LTD[IDEK]

PRIORITY-DATA: 1993JP-0295195 (November 25, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
JP 07147189 A	June 6, 1995	N/A	057
H05B 033/04			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 07147189A	N/A	1993JP-0295195
November 25, 1993		

INT-CL (IPC): C09K011/02, C09K011/06 , H05B033/04

ABSTRACTED-PUB-NO: JP 07147189A

BASIC-ABSTRACT:

The new organic electroluminescent device consists of an anode, a cathode and organic material layer(s). A protective layer having a thickness of 10 nm-100 μm is provided on the outer surface of the device. A sealing film having a dispersed photosensitiser and a dispersed cpd. to be oxidised is provided on the protective layer. The cpd. to be oxidised is oxidised by oxygen.

USE - The new organic electroluminescent device is used for a plasma panel or an electroluminescent panel.

ADVANTAGE - The use of the protective layer and the specific sealing film dramatically depresses deterioration due to oxygen. The resulting organic electroluminescent device has a very prolonged life.

CHOSEN-DRAWING: Dwg.1/1

**TITLE-TERMS: NEW ORGANIC ELECTROLUMINESCENT DEVICE
PLASMA DISPLAY PANEL**

**ELECTROLUMINESCENT PANEL COMPRISING ANODE
CATHODE ORGANIC MATERIAL
LAYER PROTECT LAYER OUTER SURFACE SEAL FILM
DISPERSE
PHOTOSENSITISER**

DERWENT-CLASS: E19 L03 U14

**CPI-CODES: E06-D02; E08-D03; E10-D01D; E10-F02A2; E10-J02B4;
E23-B; E25-B03;
E25-E02; L03-H04A;**

EPI-CODES: U14-J02B;

CHEMICAL-CODES:

Chemical Indexing M3 *09*

Fragmentation Code

**A212 A960 C710 D011 D013 D019 D023 E350 H7 H715
H721 H722 J0 J012 J2 J251 J271 J411 J5 J561
M210 M211 M212 M226 M232 M240 M272 M282 M283 M312
M321 M332 M342 M372 M391 M411 M424 M511 M520 M530
M540 M630 M740 M782 M903 M904 Q454**

Ring Index

06561

Specific Compounds

09012M 10075M 10092M

Chemical Indexing M4 *10*

Fragmentation Code

**A212 A960 C710 D011 D013 D019 D023 E350 H7 H715
H721 H722 J0 J012 J2 J251 J271 J411 J5 J561
M210 M211 M212 M226 M232 M240 M272 M282 M283 M312
M321 M332 M342 M372 M391 M411 M424 M511 M520 M530
M540 M630 M740 M782 M903 M904 Q454 W002 W030 W314
W335**

Ring Index

06561

Specific Compounds

09012M 10075M 10092M

Chemical Indexing M3 *11*

Fragmentation Code

**C108 D011 D023 D024 D029 D210 G011 G018 G100 H341
H342 H401 H402 H441 H442 H6 H602 H603 H604 H608
H609 H642 H643 J0 J011 J1 J131 K0 L7 L730
M1 M113 M280 M320 M412 M424 M511 M520 M531 M540
M740 M782 M903 M904 Q454 R043**
Markush Compounds
199531-E3601-M

Chemical Indexing M3 *13*

Fragmentation Code
**G013 G022 G100 G221 G331 H4 H401 H441 H5 H541
H8 M210 M211 M212 M272 M281 M320 M414 M424 M510
M520 M531 M540 M740 M782 M903 M904 Q454 R043**
Markush Compounds
199531-E3602-M

Chemical Indexing M3 *01*

Fragmentation Code
**G010 G100 J4 J431 M280 M320 M414 M424 M510 M520
M531 M540 M740 M782 M903 M904 M910 Q454 R043**
Specific Compounds
00715M
Registry Numbers
0715U

Chemical Indexing M3 *02*

Fragmentation Code
**G010 G100 J5 J581 M210 M211 M262 M281 M320 M414
M424 M510 M520 M531 M540 M740 M782 M903 M904 M910
Q454 R043**
Specific Compounds
00675M
Registry Numbers
0675U

Chemical Indexing M3 *03*

Fragmentation Code

**G010 G019 G100 J5 J581 M1 M121 M131 M150 M280
M320 M414 M424 M510 M520 M532 M540 M740 M782 M903
M904 M910 Q454 R043**

Specific Compounds

00994M

Registry Numbers

0994U

Chemical Indexing M3 *04*

Fragmentation Code

**G000 G310 M280 M320 M414 M424 M510 M520 M531 M540
M610 M740 M782 M903 M904 M910 Q454 R043**

Specific Compounds

00528M

Registry Numbers

0528U

Chemical Indexing M3 *05*

Fragmentation Code

**D000 D621 M280 M320 M412 M424 M511 M520 M530 M540
M740 M782 M903 M904 M910 Q454 R043**

Specific Compounds

00579M

Registry Numbers

0579U

Chemical Indexing M3 *06*

Fragmentation Code

**G000 G221 M280 M320 M414 M424 M510 M520 M531 M540
M610 M740 M782 M903 M904 M910 Q454 R043**

Specific Compounds

00578M

Registry Numbers

0578U

Chemical Indexing M3 *07*

Fragmentation Code

**D015 E350 G010 G019 G100 M1 M113 M119 M280 M320
M412 M424 M511 M520 M533 M540 M740 M782 M903 M904
Q454 R043**

Ring Index

05479

Specific Compounds

11522M

Chemical Indexing M3 *08*

Fragmentation Code

**G010 G019 G022 G029 G113 G420 M1 M112 M119 M280
M320 M414 M424 M510 M520 M533 M540 M610 M740 M782
M903 M904 Q454 R043**

Specific Compounds

06044M

Chemical Indexing M4 *12*

Fragmentation Code

**C108 D011 D023 D024 D029 D210 G011 G018 G100 H341
H342 H401 H402 H441 H442 H6 H602 H603 H604 H608
H609 H642 H643 J0 J011 J1 J131 K0 L7 L730
M1 M113 M280 M320 M412 M424 M511 M520 M531 M540
M740 M782 M903 M904 Q454 R043 W003 W030 W323 W335**

Markush Compounds

199531-E3601-M

**UNLINKED-DERWENT-REGISTRY-NUMBERS: 0528U; 0578U ; 0579U
; 0675U ; 0715U ; 0994U
; 1594U ; 1934U ; 1990U ; 2003U**

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1995-109530

Non-CPI Secondary Accession Numbers: N1995-185427